

SEQUENCE LISTING

<110> PATRYS PTY LIMITED  
VOLLMERS, Philip

<120> HUMAN MONOCLONAL ANTIBODY HAVING FAT-REDUCING EFFECT

<130> 043043-0359294

<140> US 10/578,856  
<141> 2006-05-11

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<151> 2004-11-12

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<151> 2003-11-14

<160> 4

<170> PatentIn version 3.3

<210> 1  
<211> 96  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> variable region of the light chain (VL) of antibody SAM-6

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Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly  
1 5 10 15

Gln Thr Ala Ser Ile Thr Cys Ser Gly Asp Lys Leu Gly Asp Lys  
20 25 30

Tyr Ala Cys Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Val Leu  
35 40 45

Val Ile Tyr Gln Asp Ser Lys Arg Pro Ser Gly Ile Pro Glu Arg  
50 55 60

Phe Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser  
65 70 75

Gly Thr Gln Ala Met Asp Glu Ala Asp Tyr Tyr Cys Gln Ala Trp  
80 85 90

Asp Ser Ser Ile Val Val  
95

<210> 2  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> variable region of the light chain (VL) of antibody SAM-6

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tcc tat gtg ctg act cag cca ccc tca gtg tcc gtg tcc cca gga	45
Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly	
1 5 10 15	
cag aca gcc agc atc acc tgc tct gga gat aaa ttg ggg gat aaa	90
Gln Thr Ala Ser Ile Thr Cys Ser Gly Asp Lys Leu Gly Asp Lys	
20 25 30	
tat gct tgc tgg tat cag cag aag cca ggc cag tcc cct gtg ctg	135
Tyr Ala Cys Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Val Leu	
35 40 45	
gtc atc tat caa gat agc aag cgg ccc tca ggg atc cct gag cga	180
Val Ile Tyr Gln Asp Ser Lys Arg Pro Ser Gly Ile Pro Glu Arg	
50 55 60	
ttc tct ggc tcc aac tct ggg aac aca gcc act ctg acc atc agc	225
Phe Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser	
65 70 75	
ggg acc cag gct atg gat gag gct gac tat tac tgt cag gcg tgg	270
Gly Thr Gln Ala Met Asp Glu Ala Asp Tyr Tyr Cys Gln Ala Trp	
80 85 90	
gac agc agc att gtg gta	288
Asp Ser Ser Ile Val Val	
95	

<210> 3  
 <211> 110  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> variable region of the heavy chain (V<sub>H</sub>) of antibody SAM-6

<400> 3

Gln Val Gln Leu Val Glu Ser Gly Gly Val Val Gln Pro Gly	
1 5 10 15	
Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser	
20 25 30	
Ser Tyr Ala Met His Trp Val Arg Glu Ala Pro Gly Lys Gly Leu	
35 40 45	
Glu Trp Val Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr	
50 55 60	

Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser  
65 70 75

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp  
80 85 90

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Leu Ala Val Ala Gly  
95 100 105

Lys Thr Phe Asp Tyr  
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<210> 4

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> variable region of the heavy chain (V<sub>H</sub>) of antibody SAM-6

<400> 4

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Gln Val Gln Leu Val Glu Ser Gly Gly Val Val Gln Pro Gly  
1 5 10 15

agg tcc ctg aga ctc tcc tgt gca gcc tct gga ttc acc ttc agt 90  
Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser  
20 25 30

agc tat gct atg cac tgg gtc cgc cag gct cca ggc aag ggg ctg 135  
Ser Tyr Ala Met His Trp Val Arg Glu Ala Pro Gly Lys Gly Leu  
35 40 45

gag tgg gtg gca gtt ata tca tat gat gga agc aat aaa tac tac 180  
Glu Trp Val Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr  
50 55 60

gca gac tcc gtg aag ggc cga ttc acc atc tcc aga gac aat tcc 225  
Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser  
65 70 75

aag aac acg ctg tat ctg caa atg aac agc ctg aga gct gag gac 270  
Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp  
80 85 90

acg gct gtg tat tac tgt gcg aga gat cgg tta gca gtg gct ggt 315  
Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Leu Ala Val Ala Gly  
95 100 105

aaa act ttt gac tac 330  
Lys Thr Phe Asp Tyr  
110